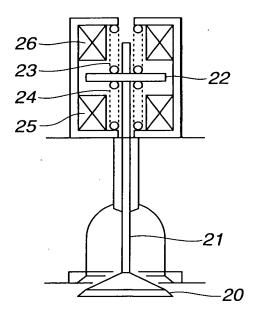


oggiest ozetoi

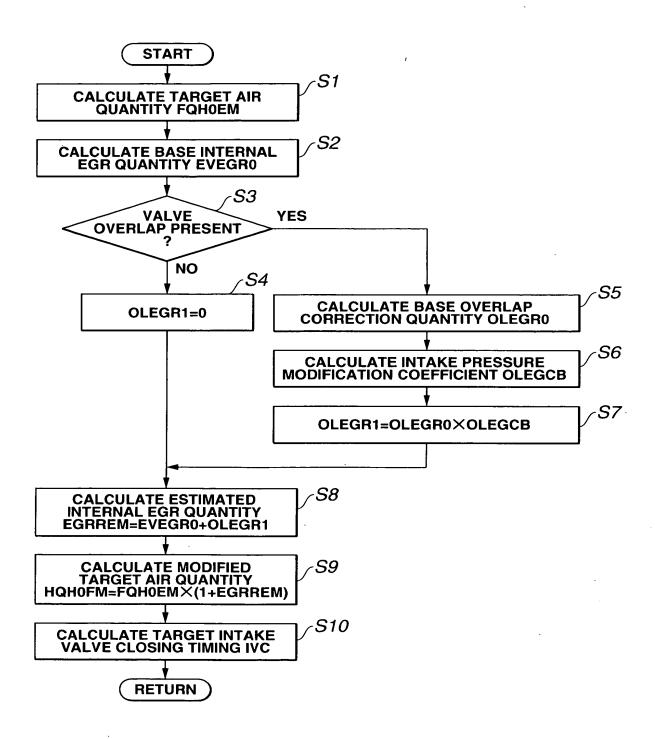




HOWM/ON ORGANIAGO

Appl. No.: Unknown

FIG.3



CSSTESS .. CFEC

APPROVED O.G. FIG.

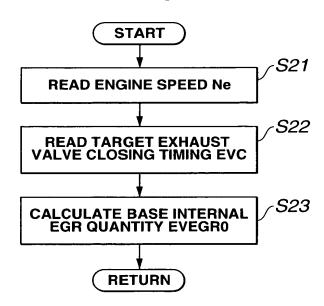
BY. CLASS SUBCLASS

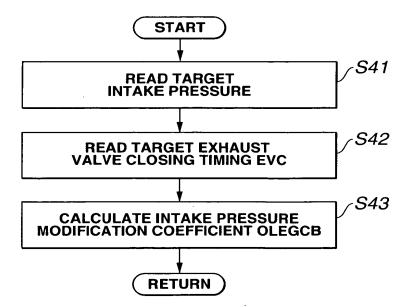
CONTROL, AND IGNITION TIMING CONTROL

Inventor(s): Takao KAWASAKI et al.

Appl. No.: Unknown

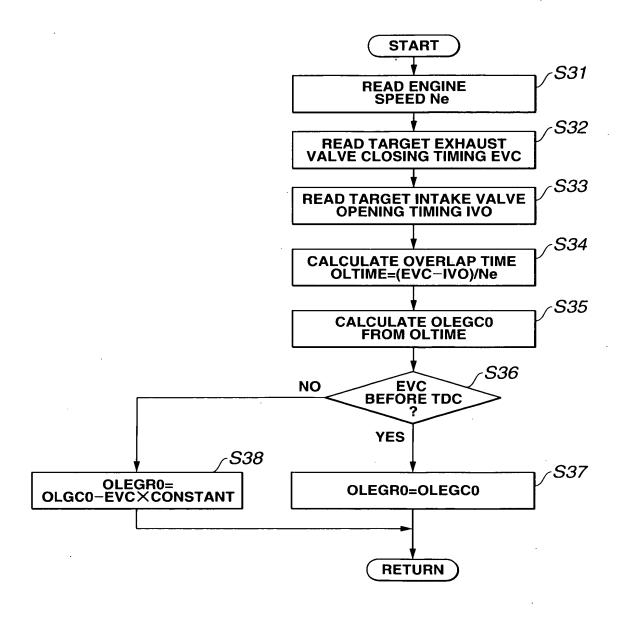
FIG.4

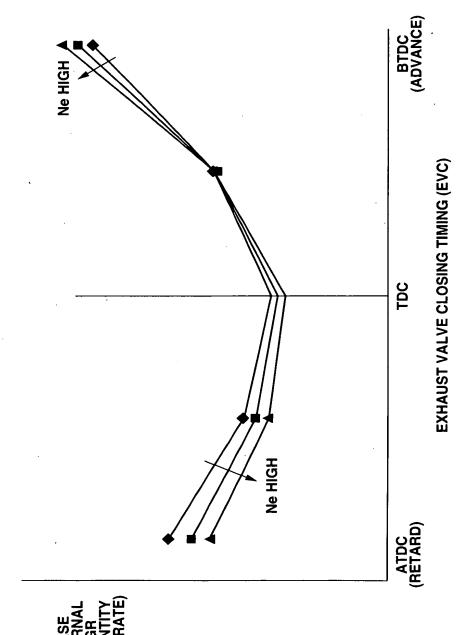




Title: INTERNAL EGR QUANTITY ESTIMATION, CYLINDER INTAKE AIR QUANTITY CALCULATION, VALVE TIMING CONTROL, AND IGNITION TIMING CONTROL Inventor(s): Takao KAWASAKI et al. Appl. No.: Unknown

FIG.5





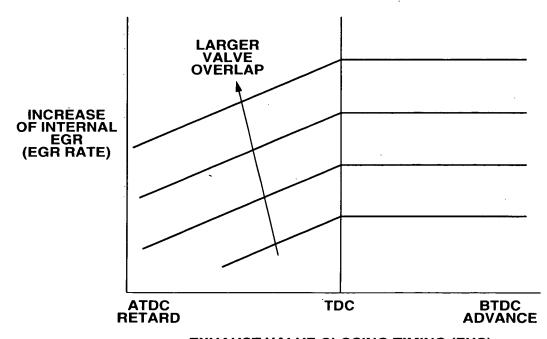
OSSIBATE OF SECT

D991E388 .D72601



Title: INTERNAL EGR QUANTITY
ESTIMATION, CYLINDER INTAKE AIR
QUANTITY CALCULATION, VALVE TIMING
CONTROL, AND IGNITION TIMING CONTROL
Inventor(s): Takao KAWASAKI et al.
Appl. No.: Unknown

FIG.8



EXHAUST VALVE CLOSING TIMING (EVC)

INTAKE PRESSURE:CONSTANT

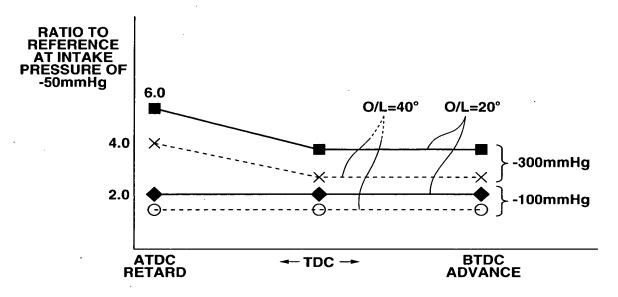
COGLUMES CYMSOL



Title: INTERNAL EGR QUANTITY
ESTIMATION, CYLINDER INTAKE AIR
QUANTITY CALCULATION, VALVE TIMING
CONTROL, AND IGNITION TIMING CONTROL
Inventor(s): Takao KAWASAKI et al.
Appl. No.: Unknown



FIG.9



EXHAUST VALVE CLOSING TIMING (EVC)

FIG.10

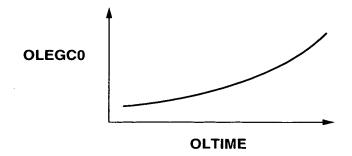
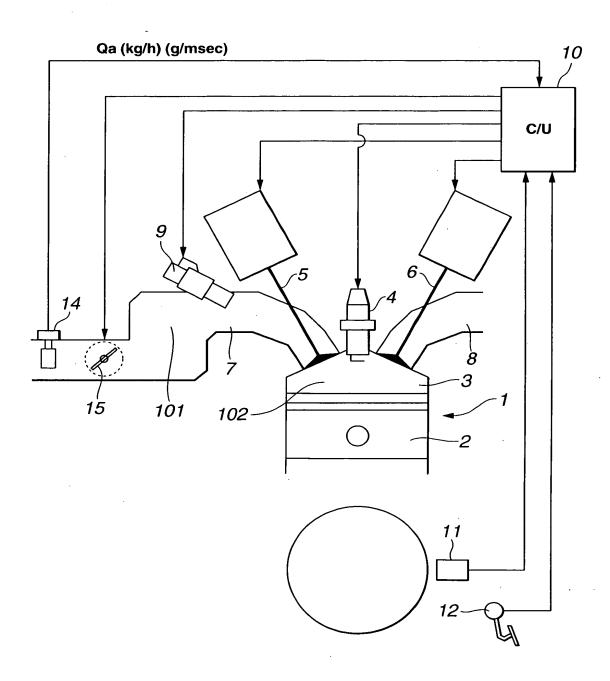


FIG.11



TOSTESS OFFIS



Title: INTERNAL EGR QUANTITY ESTIMATION, CYLINDER INTAKE AIR QUANTITY CALCULATION, VALVE TIMING CONTROL, AND IGNITION TIMING CONTROL Inventor(s): Takao KAWASAKI et al. Appl. No.: Unknown

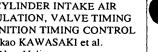
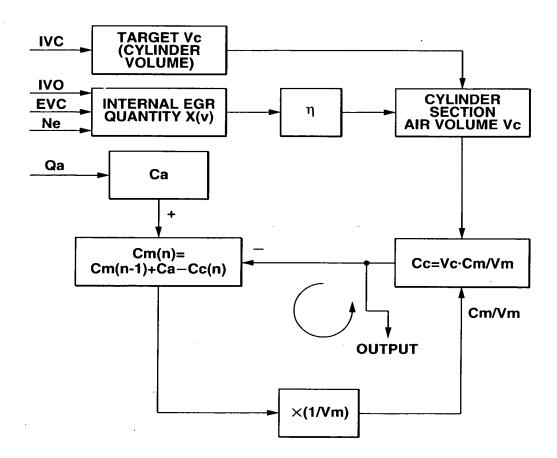


FIG.12



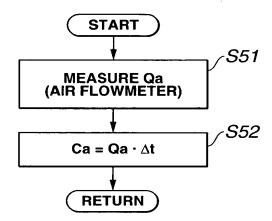
COOLLMBB. OVUSCL

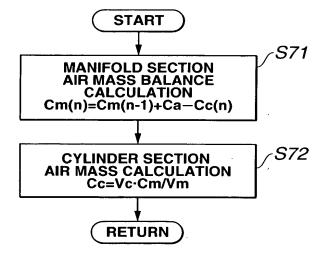
COSTESS OF COST

APPROVED	O,G, FIG.		
Ŕλ	CLASS	SUBCLASS	
DRAFTSMAN			

Title: INTERNAL EGR QUANTITY
ESTIMATION, CYLINDER INTAKE AIR
QUANTITY CALCULATION, VALVE TIMING
CONTROL, AND IGNITION TIMING CONTROL
Inventor(s): Takao KAWASAKI et al.
Appl. No.: Unknown

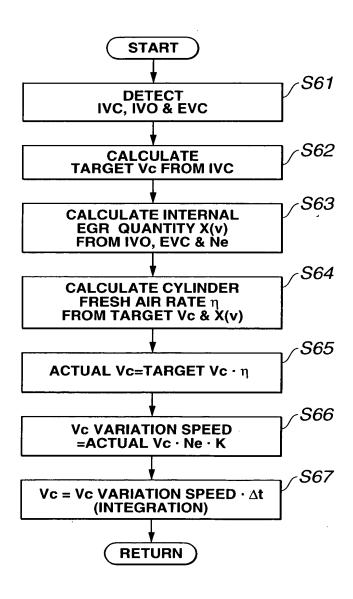
FIG.13





APPROVED O.G. FIG.
OLASS SUBCLASS
DRAFTSMAN

Title: INTERNAL EGR QUANTITY
ESTIMATION, CYLINDER INTAKE AIR
QUANTITY CALCULATION, VALVE TIMING
CONTROL, AND IGNITION TIMING CONTROL
Inventor(s): Takao KAWASAKI et al.
Appl. No.: Unknown



Title: INTERNAL EGR QUANTITY ESTIMATION, CYLINDER INTAKE AIR QUANTITY CALCULATION, VALVE TIMING CONTROL, AND IGNITION TIMING CONTROL Inventor(s): Takao KAWASAKI et al.

Appl. No.: Unknown

FIG.16

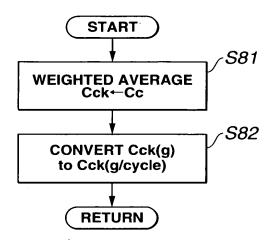
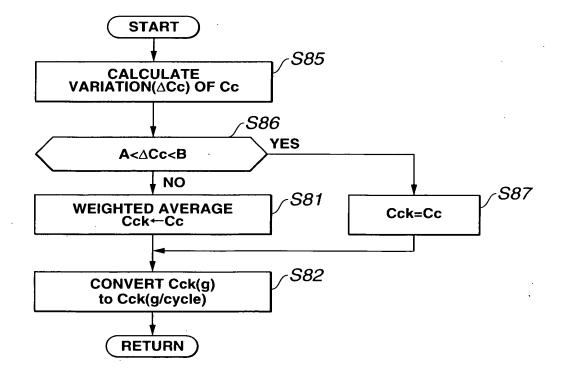


FIG.17



COULTWOD COLUMNIA

CODYTHAGO OFFICE

APPACVED	O.G. FIG.		4
87	CLASS	SUBCLASS	K
<u>Draftsman</u>	a .		

Title: INTERNAL EGR QUANTITY
ESTIMATION, CYLINDER INTAKE AIR
QUANTITY CALCULATION, VALVE TIMING
CONTROL, AND IGNITION TIMING CONTROL
Inventor(s): Takao KAWASAKI et al.
Appl. No.: Unknown

